

## Claims

1. A wheel bearing comprising:

a rotating part, a stationary flange and rolling contact elements arranged between the rotating part and the flange, the flange having first openings adapted to support a brake caliper;

at least one sensor so arranged and placed on the stationary flange for measuring the braking force by measuring a change in length in the material of the stationary flange in the flow of force between the first fastening openings in the flange for receiving a brake caliper and a form-locking connecting element for connecting to a wheel carrier.

2. The wheel bearing unit of claim 1, further comprising a sliding layer between the wheel carrier and the fixed flange.